

Message

From: Burdett, Cheryl [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E8F84378969242DBA5EB260C1CC89FB8-CBURDETT]
Sent: 6/7/2018 4:44:12 PM
To: Kuefler, Patrick [kuefler.patrick@epa.gov]; Bahr, Ryan [bahr.ryan@epa.gov]
Subject: Time-Line for Discussion and Receiving Groundwater Sampling Data
Attachments: 1b_1805005,1805007 Anions by IC FINAL Jun 04 18 1340.pdf; Nitrate-NitriteN.xlsx; Metals_GW2018.xlsx; 1805005_7_Nitrate-Nitrite N DA, Enzymatic reduction_Water_Final_L4.pdf; 1b_18050051805007 Ammonia N DA Distilled FINAL Jun 01 18 1034.pdf; wslh_final 379802 61523.PDF; Private Well Data_5_3_18.xlsx; 1805005 Metals ICP-AES (w) FINAL May 29 18 1055.pdf

On June 1, 2018: Meeting with EPA WECA, Pesticides, and CRL Laboratory, Wisconsin Department of Trade and Consumer Protection (DATCP), and UW Madison discussed sampling in the Central Sands Area.

Attendees Included:

Cheryl Burdett, EPA,
Amy Myze, EPA,
George Schupp, Region 5 CRL Lab Director
Robert Thompson, Region 5, Chemist
Danielle Kleinmaier, Region 5, CRL Laboratory
Bruce Wilkinson, EPA
Bruce Rheineck, WDNR
Brian Weigel, WDNR
Lori Bowman, Director of Agri-Chemical Management Bureau, DATCP
Amy DeBaker, Bureau of Lab Services, DATCP
Justin Blanchard,
Stan Senger, DATCP
Possible Additional Attendees

- Discussed the time-frame in which DATCP has been collecting well data across the state of Wisconsin every 5-7 years since 1990.
- DATCP mentioned that Nitrates are the #1 contaminate in private drinking water wells in Wisconsin.
- Discussion of whether the groundwater samples that I collected (82) could be used to test for pesticides, but the decision was that the information would be invalid, so "no".
- DATCP actually test wells in land application fields monitoring wells and private wells. Concern that with the nitrates that several low level pesticides are being detected in these wells. DATCP stated that nitrates well above standards, which is not surprising.
- Explained DATCP are aware that sampling by UW Stevens Point is being done at private wells in the Town of Armenia, but I would need to talk with Kevin Masaric from UW Stevens Point to discuss the 165 private wells tested in or near the Town of Armenia.
- Discussed that the data that DATCP compiles is shared through a database which both DATCP and WDNR have access.
- Discussed that I, Cheryl Burdett conducted testing at private wells and that the samples were range at these 5 private wells ranged from 21.9 -40.4. I explained that we sent the samples to Wisconsin State Laboratory of Hygiene and the information I collected was being released to the homeowner. I explained that the homeowner had asked if they could share it with DATCP and I explained that it was there data and could share it with whomever they wanted to, but I was not able to share the data because it contained Private information, which as I had learned last time from October 2015 private well sampling I am not sure of WDNR's or DATCPs laws of releasing PII under Information Requests.

Bruce Rheineck, WDNR stated that he could get me the number of homes with private wells in the Town of Armenia.

I released EPA's GW Sampling Plan to Laura Chern, WDNR, Brian Weigel, WDNR, Amy Myze, EPA, Stan Senger, WDNR, and Bruce Wilkinson, EPA.

I am in the process, but have not yet released the GW Sampling map to DATCP and WDNR.

Another call with EPA, DATCP, WDNR, and UW Madison will be scheduled upon release of the Report for the GW Sampling done in the Central Sands Area from April 30 through May 3. I explained that the report should take approximately 30 -40 days from the time receive all of the sampling analyses.

On May 18, 2018, I received the private well data from the Wisconsin Laboratory of Hygiene. I released the information to two of the five homeowners on Thursday, May 31, 2018 via e-mail. I released via e-mail a third homeowner's results on June 4, 2018. I have contacted the two other people via phone on May 31, 2018, but left voice mail messages that I have their data, please contact me and I will release the information to you. June 1, 2018, I received a call from another homeowner, who left his cell phone and e-mail address, I was not able to understand the e-mail address and have not contacted him back to get him the results. Two of the five people have not received their results.

Sample ID	sample location	Nitrate-Nitrite	E.coli	Nitrite	Nitrate		Chloride	Notification
S01	basement bypass	34.4	<1	ND	34.4	ND	32.6	Have not provided results
S02	Kitchen Sink	34.3	<1	ND	34.3	ND	49.6	Provided results via e-mail on 5/31/18
S03	Kitchen Sink	21.9	<1	ND	21.9	ND	24.7	Provided results via e-mail on 5/31/18
S04	basement bypass	40.4	<1	ND	40.3	ND	39.7	Provided results via e-mail on 6/4/18
S05	backyard spigot	29.1	<1	ND	29.1	ND	36.8	Have not provided results

Attached is the data spreadsheet, I have put together with the results and with the Wisconsin State Laboratory Hygiene's results received May 18, 2018.

Attached is a spreadsheet of the metals data analyzed by CRL Laboratory along with the results from Region 5 CRL Laboratory received June 1, 2018

Attached is a spreadsheet of the nitrate-nitrite data analyzed by CRL Laboratory along with the results from Region 5, CRL Laboratory received May 23, 2018

Anion data analyzed by CRL Laboratory along with the results from Region 5, CRL Laboratory – June 4, 2018

Waiting on the results from University of Nebraska Laboratory for Nitrates and the N15 Isotope and O-Isotope.

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